16(1)

AUTHOR: Gol'berg P.A. SOV/42-14-1-8/27

TITLE: On the Theorem of Wielandt (K teoreme Vilandta)

PERIODICAL: Uspekhi matematicheskikh nauk, 1959, Vol 14, Nr 1, pp 153-156 (USSR)

ABSTRACT: Let G be an arbitrary group, Π be a set of prime numbers. The notion of the Π-subgroup and the Sylow Π-subgroup are introduced as in [Ref 3]. G is called an S-group if it is decomposable into the direct product of its Sylow subgroups. Theorem: Let an arbitrary group G have the Sylow Π-subgroup H; let this Sylow Π-subgroup H be an S-group and have finitely many conjugates in G. If M is a Π'-subgroup of G where $\Pi' \subseteq \Pi$ then there exists an element σ in G so that $M \subseteq \sigma^{-1} H \sigma$. There are 6 references, 4 of which are Soviet, 1 English, and 1 German.

SUBMITTED: October 16, 1957

Card 1/1

1[illegible]

[illegible] S [illegible]

The [illegible] - [illegible] of finite groups

SOURCE: [illegible] 127, [illegible], [illegible]

: [illegible] - [illegible] of finite groups. [illegible] [illegible] the theorem of [illegible] [illegible] the theorem of [illegible] [illegible] - [illegible] of a [illegible] - solvable [illegible]. The author formulates some additions to both theorems. According to the author only the theorem of [illegible] - Zassenhaus is needed for the proof.

There are 7 references, [illegible] of which are Soviet, [illegible] English, 1 German, and 1 Italian.

[illegible]: [illegible] (Leningrad Technological Institute)

[illegible]: [illegible] 22, 1[illegible], by [illegible], [illegible]

[illegible]: [illegible] 16, 1[illegible]

Card 1/1

GOL'BERG, P.A.

VF subgroups of infinite groups. Izv. vys. ucheb. zav.: mat. no.4: 50-55 '59. (MIRA 12:11)

1.Kolomenskiy pedagogicheskiy institut.
(Groups, Theory of)

GOL'BERG, P.A. (Moskva)

S-radical and Sylow bases of infinite groups. Mat.sbor. 50 no.1: 25-42 Ja '60. (MIRA 13:6)

(Groups, Theory of)

GOL'BERG, P.A.

Hall bases in some classes of groups. Sib.mat.zhur. 1 no.1: 14-44 My-Je '60. (MIRA 13:11)

(Groups, Theory of)

GOL'BERG, P.R., inzh.

Construction of large silos. Zhivotnovodstvo 20 no.8:79-81 Ag '58. (MIRA 11:10)

(Silos)

GOL'BERG, R.S.

ZHUMATOV, Kh.Zh.; DEMIDOVA, S.I.; BUTAYAN, V.V.; POPLAVSKAYA, Ye.A.; GOL'BERG, R.S.

Materials on the variability of the bacillary dysentery bacteria in the human organism. Zhur. mikrobiol. epid. i immun. no.10:97 O '54. (MIRA 8:1)

1. Iz Kazakhskogo instituta epidemiologii, mikrobiologii i gigiyeny.
(SHIGELLA DYSENTERIAE)

GOL'BERG, S.A.

Mechanical cleaning of suction tubes on combing machines.
Obm.tekh.opyt. [MLP] no.16:33-34 '56. (MIRA 11:11)
(Combing machines) (Dust collectors)

GOL'FERG, S.A.

Mechanism for lifting the counterweight of a roving machine carriage. Obm.tekh.opyt. [MLP] no.16:36-38 '56. (MIRA 11:11)
(Spinning machinery)

GOL'BERG, S. Z.

"Strength of Medical Instruments," Mea. Prom., No. 5, 1949.

All-Union Sci. Res. Inst. Medical Instruments & Equipment.

SOV/81-59-16-57438

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 16, p 261 (USSR)

AUTHOR: Gol'berg, S.Z.

TITLE: The Investigation of the Effect of the Salt Media Composition in the Thermal Treatment on the Corrosion Resistance of Instruments

PERIODICAL: Materialy po obmenu opytom i nauchn. dostizh. Vses. n.-i. in-t med. instrumentariya i oborud., 1958, Nr 4 (29), pp 99-103

ABSTRACT: The optimum composition of a salt mixture has been established which ensures the production of instruments from stainless and carbon steels with a clean surface without oxidation and decarbonization. Such a composition is the mixture of the salts $BaCl_2$ - 65% and KCl - 35%. Charcoal serves as a reducing agent for the salt baths.

M. Vizgar.

Card 1/1

GOL'BERG, S. Z.

New alloys replacing chrome-nickel stainless steel in medical supplies. Nov. med. tekh. no.3 53-62 '61. (MIRA 14:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh instrumentov i oborudovaniya.

(MEDICAL INSTRUMENTS AND APPARATUS)

S/137/62/000/005/097/150
A006/A101

AUTHOR: Gol'berg, S. Z.

TITLE: Investigation of new alloys for the purpose of replacing chrome-nickel stainless steel in medical articles

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 5, 1962, 66, abstract 5I395 ("Med. prom-st', SSSR", 1961, no. 12, 51 - 54)

TEXT: The author investigated stainless Cr and Cr-Ni steels with a reduced Ni content, but with amounts of N and Mn, exceeding the Mn content in conventional stainless steel. The possibility was studied of replacing stainless Cr-Ni steels with Al-base alloys. Best alloys for medical purposes were found to be X 18Г 14АН 4 (Kh18G14AN4) (I) and X 14Г 14Н 3Т (Kh14G14N3T) (II) steels. I contains in %: C 0.08, Si 0.8; Mn 13.1; Cr 18.3, Ni 3.5, and has σ_b as high as 87 kg/mm^2, δ 45%, H_V 258 kg/mm^2. II contains in %: C 0.03, Si 0.8, Mn 13.7, Cr 14.08, Ni 2.88 and has σ_b as high as 75 kg/mm^2, δ 45%, H_V 183 kg/mm^2. X 17 (Kh17) and X 17Н 2 (Kh17N2) steels are recommended for medical articles which during their manufacturing are not subjected to great deformation and extended

Card 1/2

S/137/62/000/005/097/150
A006/A101

Investigation of...

heating. Al and its alloys are recommended for medical articles operating at high temperatures under conditions of low humidity.

T. Rumyantseva

[Abstracter's note: Complete translation]

Card 2/2

GOL'BERG, S.Z.

Selection and study of alloys used for eyeglass frames. Med. prom. 15 no.3:27-32 Mr '61. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh instrumentov i oborudovaniya.
(SPECTACLES)

S/122/62/000/012/013/014
D040/D113

AUTHORS: Gil'berg, S.Z., and Vayner, Ye.L.

TITLE: Extruding medical equipment parts from stainless KH18G8AN4 sheet steel

PERIODICAL: Mashinostroyeniye, no. 12, 1962, 27-30

TEXT: [illegible] Institute [illegible] Instrument-Making Industry (VNIIMPIO) (All-Union Scientific Research Institute of Medical Instruments and Equipment) tested 7 stainless steel grades in search for a low-nickel substitute for X18H9T (KH18N9T) steel used for equipment produced by cold extrusion. X17Г14АН4 (KH18G14AN4) was selected as the best substitute, and X14Г14Н3Т (KH14G14N3T) as the next best. The chemical composition of KH18N9T and these substitutes is:

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

[illegible], S.[illegible]; [illegible], V.[illegible].

[illegible]

[illegible]

[illegible]

L 09359-67 EWT(d)/EWP(e) IJP(c) JD/JH

ACC NR: AT6033749 SOURCE CODE: PO/2541/66/010/001/0003/0028

AUTHOR: Golberg, Slawomir

ORG: Institute of Telecommunications and Radio Engineering, Warsaw (Instytut tele- i radiotechniczny)

TITLE: Initial results of the use of aluminum foil in low-power transformers

SOURCE: Warsaw. Instytut Tele- i Radiotechniczny. Prace, v. 10, no. 1 (34), 1966, 3-28

TOPIC TAGS: aluminum foil, aluminum foil coil, electric transformer, induction coil, transformer winding

ABSTRACT: Some aspects are given for using aluminum foil for windings of induction coils. The methods of manufacture are described for aluminum-foil coils and varnished aluminum-foil. The initial test results are presented for a 50-w power transformer and a choke of a power-unit filter with aluminum-foil windings. The effect of such windings on the design of radioelectronic induction coils is described. Orig. art. has: 10 figures and 2 tables. [Based on author's abstract]

SUB CODE: 20/ SUBM DATE: 30Dec65/ ORIG REF: 004/ SOV REF: 001/ OTH REF: 005/ UDC: 621.314.21, SKT 2047

GOL'BERG, V.

Assembly-line construction of electrolytic units. Stroitel' no.5:2-3 My '58. (MIRA 11:6)

1.Nachal'nik stroitel'nogo uchastka Alyuminstroy - 1 tresta Kuznetsktyazhstroy.
(Aluminum industry--Equipment and supplies)
(Precast concrete construction)

USSR/Engineering Jun 48
Construction Industry
Construction Equipment

"New Types of Construction Machinery," V. A. Gol'berg, Engr, 2 pp

"Stroi Prom" No 6

Points out present deficiency of loading and unloading mechanisms and other equipment in most building organizations. Discloses new types of power-driven mobile cranes and simple scrapers which should be manufactured in workshops of Trust No 3. Claims that 286 working days per person were saved [redacted]

43/49T39

USSR/Engineering (Contd) Jun 48

annually as the result of power-driven cranes. Gives five illustrations of various types of cranes.

[redacted]

43/49T39

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

ARZHENENKO, L.A.; GOL'BERG, V.A.; LITMAN, M.Ye.

Transistor amplifier with an output power up to 120 va for follow-up systems. Priborostroenie no.4:16-19 Ap '60. (MIRA 13:6)

(Transistor amplifiers)

GOL'BERG, V.V. (Yuzhno-[illegible] [illegible]sk)

Fibroma of the retropharyngeal space. Vest. oto-rin. 16 no.3: 79 My-Je '54. (MLRA 7:7)

(LARYNX, neoplasms,
*fibroma, retropharyngeal)
(FIBROMA,
*retropharyngeal)

GOLDBERG, Y.Y.

[illegible] P_1 and P_4 [illegible]. Vsb. tr. MGPI im. V.I. Lenina [illegible] (MIRA [illegible])

[illegible]

[illegible] Elektronik u[illegible]rzhnenii [illegible]. Kiev, Tekhnika, 1964. 143 p.
(FTA 18:9)

S/130/62/000/003/002/00[illegible]
A006/A101

AUTHORS: Krichevskiy, Ye. M., Gol'berg, M. Ya.

TITLE: New calibrating of argon-arc electric pipe welding machine

PERIODICAL: Metallurg, no. 3, 1962, 19-21

TEXT: The [illegible]-1-3 type argon-arc electric pipe welding machine, mounted at the Moscow Pipe Plant, consists of three units with three stands each. The units are equipped with vertical rolls and the distance between the stand axes is 610 mm; one of the units is without vertical rolls; the distance between the axes of the stands is 400 mm. This design makes it possible to calibrate the rolls with one radius which decreases from the first stand in direction of folding. The advantages of this calibration are: the effective distribution of bending angles over the stands, and the use of 3 stands with split disks. Formulae are given for the analytical expression of optimum distribution of bending angles. Tests were run with pipes of 25 mm in diameter folded and welded on grooves intended for 43 mm diameter; the rolls were replaced on the 3 finishing stands with split disk. The pipes were then folded and welded on grooves intended for pipes of 25 mm in diameter. The same tests were performed

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

S/136/62/000/010/002/004
E193/E383

AUTHOR: Gol'berg, V.Ya.

TITLE: Fabrication of brass tubes by resistance butt-seam welding with radiofrequency currents

PERIODICAL: Tsvetnyye metally, no. 10, 1962, 69 - 71

TEXT: The present article describes work carried out at the Moskovskiy trubnyy zavod (Moscow Tube Works), GIPROTsMO and NIITVCh im. Vologdina on the manufacture of brass tubes by resistance butt-seam welding with RF (425 kc/s) currents. The experiments were carried out on brass Л68 (L68) tubes, 25 mm OD, 2 mm wall thickness, welded at a rate of 20 m/min. Tungsten electrodes were tried first and found unsuitable because they tended to become overheated, which caused formation of a dark tungsten deposit on the tube surface and led to instability of the welding process. These difficulties were overcome by using tungsten/silver electrodes with a much lower ohmic resistance. The welding pressure applied was similar to that used for welding steel tubes. The best results were obtained under the following conditions: I_a - 8.2 A; U_a - 6.3 kV;

Card 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

FONYUSHENKO, A.T.; GOLOVKIN, R.V.; GOL'BERG, V.Ya.; ORLOV, Ye.D.

Radio-requency welding of straight-seam tubes on the 6-32 machine. Metallurg 8 no.10:24-26 O '63. (MIRA 16:12)

1. Moskovskiy trubnyy zavod.

GOL'BERG, Ya.F.

The ATsS and ATsSN pumping units. Biul.tekh.-ekon.inform. no.2:12-13 '62. (MIRA 15:3)

(Pumping machinery)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

GORSHENINA, T.I.; GOL'BERG, Ye.D.; GOLOSOV, O.S.

Effect on the blood and hemopoietic organs of massive doses of betatron radiations. Med. rad. 5 no.11:14-20 N '60. (MIRA 13:12)
(RADIATION SICKNESS) (HEMATOPOIETIC SYSTEM)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

GOL'BERG, Ye.M.

Estimating the volume of an N-simplex by the volumes of its faces [with summary in English]. Vest. LGU no.13:5-10 '61. (MIRA 14:7)

(Dimensional analysis)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

L 20667-66 EWT(d)/EWT(m)/EWP(v)/T/EWP(t)/EWP(k) IJP(c) JD/HW/JM

ACC NR: AP6001477 SOURCE CODE: UR/0226/65/000/012/0069/0072

55

AUTHOR: Ivensen, V. A.; Gol'dberg, Z. A.; Eyduk, O. N.; Fal'kovskiy, V. A. 13

ORG: All-Union Scientific Research Institute of Hard Alloys (Vsesoyuznyy nauchno-issledovatel'skiy institut tverdykh splavov)

TITLE: Resistance of a hard alloy to failure under impact loads

SOURCE: Poroshkovaya metallurgiya, no. 12, 1965, 69-72

TOPIC TAGS: plastic deformation, mechanical shock resistance, specific resistance, compressive strength, ultimate stress, bending stress, data analysis, tungsten containing alloy, failure

ABSTRACT: The effect of plastic deformation of a hard alloy on its resistance to failure under impact loads was analyzed. It was shown that despite the relatively low value of plastic deformation, the latter has a great effect on the efficiency of the hard-alloy load. This was corroborated by experimental data characterizing the efficiency of a very coarse-grained and a medium-grained alloy with 20% Co. The resistance to failure and efficiency of the coarse-grained alloy is much greater than that of the medium-grained alloy despite the higher ultimate bending and compression strengths of the latter. The differ-

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

L 20667-66

ACC NR: AP6001477

ence in tool efficiency is explained by the greater deformability of the coarse-grained alloy. Orig. art. has: 1 table. [Based on author's abstract] [NT]

SUB CODE: 11, 20/ SUBM DATE: 13Feb65/ ORIG REF: 003/ OTH REF: 001

Card 2/2 BK

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

BUGAY, P.M.; FILIPPOVA, Ye.I.; GOL'BERKOVA, A.S. (Khar'kov)

Correlation between absorption spectra and pH of diphenylamine and some of its derivatives in ethanol solution. Zhur. fiz. khim. 35 no. 4:825-827 Ap '61. (MIRA 14:5)

1. Khar'kovskiy politekhnicheskiy institut im. V.I. Lenina.
(Diphenylamine--Spectra) (Hydrogen-ion concentration)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

BUGAY, P.M.; GOL'BERKOVA, A.S.; BAZHENOVA, L.M.

Effect of solvents on the absorption spectra of some amino- and quione derivatives of diphenylamine. Zhur.fiz.khim. 35 no.8:1731-1737 Ag '61. (MIRA 14:8)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I. Lenina.
(Diphenylamine--Spectra)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

BUGAY, P.M.; KONEL'SKAYA, V.N.; GOL'BERKOVA, A.S.; BAZHENOVA, L.M.

Electronic spectra and the nature of absorption bands of aromatic amine derivatives. Part 3. Zhur.fiz.khim. 36 no.10:2233-2235 O '62. (MIRA 17:4)

1. Khar'kovskiy politekhnicheskiy institut imeni Lenina.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

BUGAY, P. M.; KONEL'SKAYA, V. N.; GOL'BERKOVA, A. S.

Electron spectra and the nature of the absorption bands of aromatic amine derivatives. Part 4: Electron spectra and the nature of the absorption bands of acetyl derivatives, N-hydroxy-, and N-nitroso derivatives of diphenylamine. Zhur. fiz. khim. 36 no.12:2754-2757 D '62. (MIRA 16:1)

1. Khar'kovskiy politekhnicheskiy institut imeni Lenina.

(Diphenylamine—Spectra)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

BUGAY, P. M.; KONEL'SKAYA, V. N.; GOL'BERKOVA, A. S.; BAZHENOVA, L. M.; and NAYDENOVA, I.I

"Issledovaniye metodom elektronnykh spektrov kinetiki okisleniya orto oksi-i metoksi-proizvodnykh difenil-amina v 98% H SO vo vremeni i ustanovleniye prirody polos pogloshcheniya."

report submitted for the VIIth European Congress on Molecular Spectroscopy, Budapest, 22-27 Jul 1963.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

LUTSKIY, A.Ye.; GOL'BERKOVA, A.S.

Absorption spectra of disubstituted benzenes with similarly oriented functional groups. Part 4: Hydroxy-, methoxy-, and acetoxy-substituted benzenes. Zhur. ob. khim. 33 no.5:1614-1624 My '63. (MIRA 16:6)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I. Lenina.
(Benzene—Absorption spectra)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

LUTSKIY, A.Ye.; GOL'BERKOVA, A.S.

Absorption spectra of disubstituted benzenes with similarly oriented functional groups. Part 6: Phthalic acids and their methyl esters. Zhur. ob. khim. 33 no.5:1633-1639 My '63. (MIRA 16:6)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I. Lenina.
(Phthalic acid—Absorption spectra)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

S/076/63/037/002/011/018
B101/B186

AUTHORS: Bugay, F. M., Bazhenova, L. M., Gol'berkova, A. S., Konel'skaya, V. N., Naydenova, I. I. (Khar'kov)

TITLE: Electron spectra and nature of the absorption bands of aromatic amine derivatives. II. Electron spectra of diphenyl amine and its hydroxy and methoxy derivatives

PERIODICAL: Zhurnal fizicheskoy khimii, v. 37, no. 2, 1963, 378-386

TEXT: Based on the classification of absorption bands of diphenyl amine derivatives published in Zh. fiz. khimii, 36, 1562, 1962, the bands of the following compounds are discussed in detail: $C_6H_5NHC_6H_4X$, where X = H; o-, m-, or p-OH; o-, m-, or p-CH_3O, and $XC_6H_4NHC_6H_4Y$, where X = Y = o-, m-, or p-OH; X = o-, m-, or p-OH, Y = o-, m-, or p-CH_3O; X = Y = o-, m-, or p-CH_3O. The solutions used were: hexane, ethanol, 98% H_2SO_4, glacial acetic acid, or ethanol + 2 M sodium alcoholate. The data for λ, log ε, oscillator strength, electron transfer energy and band width are tabled.

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

In all substances, the fundamental band was the $A_{1g} \rightarrow B_{2u}$ benzene band which has high absorption and oscillator strength and appears between $\lambda = 254$ and $\lambda = 300$ mμ. Besides this, the A band ($\lambda = 263$-417 mμ) and the short-wave aniline band B ($\lambda = 220$-246 mμ) were observed, but not in all solvents. The long-wave D band ($\lambda = 335$-890 mμ) is observed in almost all dihydroxy, hydroxy-methoxy and dimethoxy derivatives of diphenyl amine. In the presence of two or three functional groups with equal electron-directing properties (OH, OCH_3, NH) one of the groups, when subjected to the effect of NH as a stronger electron donor acquires, the properties of a weak electron acceptor; this causes the appearance of the A band characteristic of functional groups with opposite sign. Also the dipole moment increases which was 1.95 D for p-hydroxy diphenyl amine, 1.79 D for 4-methoxy diphenyl amine, and 3.5 D for 4,4'-dihydroxy diphenyl amine. On formation of salts, the B band disappears or becomes weaker, when the salt formation is incomplete. In such cases, the oscillator strength decreases and a hypsochromic shift of the $A_{1g} \rightarrow B_{2u}$ band is observed. There are 2 tables.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

Electron spectra and nature ... S/076/63/037/002/011/018
B101/B186

ASSOCIATION: Khar'kovskiy politekhnicheskiy institut im. V. I. Lenina (Khar'kov Polytechnic Institute imeni V. I. Lenin)

SUBMITTED: November 22, 1961

Card 3/3

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

LUTSKIY, A.Ye.; GOL'BERKOVA, A.S.; BUGAY, P.M.

Absorption spectra of disubstituted benzenes with similarly oriented functional groups. Part 5: Amino- and acetamido-substituted phenol and anisole. Zhur. ob. khim. 33 no.5: 1624-1632 My '63. (MIRA 16:6)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I. Lenina.
(Phenol—Absorption spectra)
(Anisole—Absorption spectra)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

S/076/63/037/003/012/020
B101/B215

AUTHORS: Bugay, P. M., Konel'skaya, V. N., Bazhenova, L. M., Gol'berkova, A. S., Naydenova, I. I.

TITLE: Effect of the type of aromatic amines (primary, secondary, tertiary) and their o-derivatives, m-derivatives, and p-derivatives on the absorption spectra

PERIODICAL: Zhurnal fizicheskoy khimii, v. 37, no. 3, 1963, 652-655

TEXT: This is a comparison of the widths and intensities of the 288 mμ benzene absorption bands in the spectra of aniline, diphenyl amine (DPA), triphenyl amine, o-aminophenol, 2-hydroxy-DPA, 2,2'-dihydroxy-DPA, 2-hydroxy-2'-methoxy-DPA, m-aminophenol, 3-hydroxy-DPA, 3,3'-dihydroxy-DPA, 3-hydroxy-3'-methoxy-DPA, p-aminophenol, 4-hydroxy-DPA, 4,4'-hydroxy-DPA, and 4-hydroxy-4'-methoxy-DPA dissolved in ethanol, hexane, 98% H_2SO_4, 100% CH_3COOH, and ethanol + 2 M alcoholate. Results: (1) The amino group is conjugated with all benzene rings, although to different degrees in the different compounds. The greatest increase in intensity of the band

Card 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

occurs on transition from aniline to DPA. (2) The chemical activity of the compound and salt formation in H_2SO_4 and CH_3COOH can be determined from the band intensity. (3) Increase in intensity of maximum absorption on transition from aminophenol to monohydroxy-DPA and decrease in intensity on transition to dihydroxy-DPA confirm that the amino group of DPA is conjugated with both benzene rings and that the conjugation is affected by the functional groups in o, m, or p positions. (4) In the ortho-hydroxy derivatives of aniline and DPA there exists an intramolecular hydrogen bond. (5) The band intensity decreases on salt formation. (6) Intensive changes showing no regular relation to the band intensity occur during the formation of quinoidal compounds and oxidation. There are 5 tables.

ASSOCIATION: Khar'kovskiy politekhnicheskiy institut im. V. I. Lenina (Khar'kov Polytechnic Institute imeni V. I. Lenin)

SUBMITTED: March 19, 1962

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

BUGAY, P.M.; GOL'BERKOVA, A.S.; KONEL'SKAYA, V.N.; MAYDENOVA, I.I.

Absorption spectra and nature of absorption bands of aromatic amino derivatives oxidized in 95% sulfuric acid. Part 1. Zhur.fiz.khim. 37 no.10:2339-2343 O '63. (MIRA 17:2)

1. Khar'kovskiy politekhnicheskiy institut imeni Lenina.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

BUGAY, P.M.; GOL'BERKOVA, A.S.; NAYLENOVA, I.I.

Absorption spectra and the nature of absorption bands of aromatic amine derivatives oxidized in 98% H_2SO_4. Zhur. fiz. khim. 37 no.11:2563-2566 N'63. (MIRA 17:2)

1. Khar'kovskiy politekhnicheskiy institut imeni Lenina.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

GOLBERS, L., prof.d-r med.nauk.

Effect of hepatocytotoxic serum on glycogen in the liver of rats. Latv. PSR Zin.Akad.Vestis no.2:101-106 '52. (MLRA 6:6)

1. Rizhskiy meditsinskiy institut. (Serum) (Glycogen)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

Pathophysiological basis for dietary rations in liver ailments. L. Gollhers. *Voprosy Pitaniya* (Riga), *Sbornik* 2, 83-90(1960). *Referat. Zhur., Khim.* 1964, No. 14Q93.—A review of achievements of Soviet scientists in the field of dietary feeding of liver sufferers. M. Hosch

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9

Golberg, L.

The mechanism of action of a new antituberculosis agent, tubazid (hydrazide of isonicotinic acid). L. Golberg, K. Vlocki, K. Kriulina, and E. Zaleeva. [redacted] *Zinātnes Akad. Vēstis* 1954, No. 6 (Whole No. 85), 55-60 (in Russian)(Latvian summary, 61-2).—Tubazid (I) also contains other hydrazides such as those of nicotinic, cinchomeronic, and 2,6-pyridinedicarboxylic acids, which enhance its bacteriostatic activity. I was introduced intraperitoneally into guinea pigs in amts. of 10-86 mg./kg., once, or repeatedly. I did not influence the count of hemoglobin, erythrocytes, leucocytes, or their subgroups, but increased the reticulocyte count in the peripheral blood. With I introduced repeatedly, the thrombocyte count increased considerably. No toxic reactions were observed.

Andrew Dravnieks

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

GOLBERS-L.

Modification of glycemic reaction to adrenaline under influence of morphine. L. Gol'bers and M. Ratniece. *Latvijas PSR Zinātņu Akad. Vēstis* 1955, No. 11, 89-92(in Russian; Latvian summary, 93-4).—Subcutaneous administration of 1 ml. 3% morphine (I) per kg. wt. to rabbits caused hyperglycemic reaction (II) which lasted for several hrs. Simultaneous separate injections of I and adrenaline (III) caused II which lasted longer than with III alone.

A. Dravnieks

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GOLBERS, L

2

Change of glycemic reaction due to introduction of adrenaline under the influence of morphine during experimental toxic hepatitis. L. Golbers and M. Ratniece (Med. Inst., Riga, Latvia). *Problemy Endokrinol. i Gormonoterap.* 2, No. 2, 78-80(1956).—The glycemic reaction to introduction of adrenaline in rabbits, poisoned by CCl_4 was different from such reaction in normal animals. In the latter the introduction of adrenaline caused a max. elevation of blood sugar in about 1-2 hrs. after the introduction of adrenaline. The exptl. animals, which were poisoned by CCl_4 reached the max. values for blood sugar usually in 3-4 hrs. Furthermore, the blood level returned to the normal value in normal rabbits in about 5 hrs. after introduction of adrenaline, whereas the animals poisoned by CCl_4 had after 5 hrs. a very high blood sugar, in most cases amounting to 190% of the starting value. Introduction of morphine into the skin at the same time with the introduction of adrenaline changes the character of the glycemic reaction of the animal poisoned by CCl_4. The max. elevation of blood sugar took place in the majority of the cases in 4 hrs. after introduction of both morphine and adrenaline. The blood sugar remained very high after 5 hrs. In the normal animal, introduction of morphine into the skin simultaneously with introduction of adrenaline caused an elevation of sugar up to 315 mg. %, and the max. elevation took place in about 3 hrs.; the poisoned animals reached a level of 209 mg. % and the max. elevation took place in about 4 hrs. Also the blood level in the normal animals was much higher after 5 hrs. (av. 245 mg. %), the poisoned animals had an av. blood sugar of 131 mg. %. The results obtained indicate that morphine has a role as a stimulant causing an elevation of adrenaline secretion and a substance which does not affect the glycemic reaction in toxic hepatitis, which is characterized by the decrease of glycogen reserve in the liver.

V. Mihajlov

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9

Role of some vitamins in prophylaxis and treatment of initial forms of hypertonia and atherosclerosis. L. Gobers. *Latvijas PSR Zinātņu Akad. Vēstis*, 1956, No. 8, 73-82 (in Russian; Latvian summary).—A summary of available information indicates that nicotinic acid, choline, and vitamin C retard development of atherosclerosis (I) and beneficially influence treatment of hypertonia. Vitamin D_2 promotes the cholesterol level in blood and promotes I.

—A. Dravnieks

PERIODICALS: VESTIS, No. 1, 1958

ALEKSANDROV, K.I.; GOL'BERT, A.V.

Origin of manganese ores in the Yashka limestone deposit. Geol. i geofiz. no.1:115-117 '61. (MIRA 14:5)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya, Novosibirsk.
(Bol'shaya Yasha—Manganese ores)

GOL'BERT, A.V.

Bauxites of Livanovka deposits in the Ural Mountain region of the West Siberian Plain. Trudy SNIGGIMS no.6:136-149 '61.
(MIRA 15:7)

(Ural Mountain region--Bauxite)

KASHTANOV, V.A.; GOL'BERT, A.V.

Conditions governing the formation of Upper Cretaceous sediments and some minerals in the Ob' Valley portion of the West Siberian Plain. Trudy SNIGGIMS no.6:163-172 '61. (MIRA 15:7)
(Ob' Valley--Ore deposits)

GOL'BERT, A.V.

Conditions governing the formation of bauxite-bearing series in the Turgay trough. Trudy SNIIGGiMS no.25:81-102 '62. (MIRA 16:4)
(Turgay gates—Bauxite)

[illegible], V.I.; [illegible], L.N.

Lithological and paleontological [illegible] sediments in the Turkhan Basin. Trudy Inst. [illegible] stud. AN SSSR no.27:[illegible]-11. [illegible]

KASHTANOV, V.A., GOL'BERT, A.V.

Geology and mineralogy of Mesozoic and Cenozoic sediments in the Yenisey trough and an estimation of their possible reserves. Geol. i geofiz. no.4 83-90 '63. (MIRA 16:10)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya, Novosibirsk.

BELCUS, [illegible]

BELOUS, [illegible]

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DECEASED

GOLBERT, K. A.

1953/3

c' 1962

CHEMISTRY -
gasoline

see ILC

GOL'BERT, V.N., inzh.; PEVZNER, M.S., inzh.

Concerning the book by S. K. Abramov, O.B. Skirgello, and M. I. Chel'tsov "Drainage of mine areas and open pits of coal deposits." Reviewed by V. N. Gol'bert, M. S. Pevzner. Shakht. stroi. 5 no.6:3-4 of cover Je '61. (MIRA 14:6)

(Mine drainage)

(Abramov, S.K.) (Skirgello, O.B.)

(Chel'tsov, M.I.)

GOL'BERT, Z. V. Cand. Med. Sci.

Dissertation: "Experimental Tumors of the Tongue." Central Inst. For Advanced Training of Physicians. 29 Apr 47.

SO: Vechernyaya Moskva, Apr, 1947 (Project #1/930)

GOL'BERT, Z. V.

"Experimental Tumors of the Tongue," Arkhiv Pat. I., 16, N. 2, 1954.

Pathological Anatomical Dept., Cent. Oncological Inst. im P. A. Gertsen, Min. Public Health RSFSR

GOL'BERT, Z.M., starshiy nauchnyy sotrudnik

Histomorphologic modification in breast cancer following preoperative roentgenotherapy. Trudy AMN SSSR 21 no.4:57-63 '52. (MLRA 10:8)

1. Iz patologoanatomicheskogo otdeleniya TSentral'nogo onkologicheskogo instituta im. P.A.Gertsena Ministerstva zdravookhraneniya RSFSR (dir. - chlen-korrespondent AMN SSSR prof. A.I.Savitskiy)

(BREST, neoplasms,
radiother., preop.)
(RADIOTHERAPY, in various diseases,
cancer of breast, preop.)

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1800. GOLBERT Z. V.*Precancer of the breast (Russian text) VOP. ONKOL. 1956, 2/1 (25-31) Tables 3 Illus. 5

In 750 autopsy cases (women dead from non-cancerous diseases) 450 (64%) instances were found with morphological changes of the breast; in 6.8% there was proliferation of the epithelium, which is to be regarded as a precancerous state. In 212 autopsies of women who died from mammary cancer, there was fibroadenomatosis in 70.3% and precancer, as indicated above, in 7.5%.

PODOL'SKAYA Ye.Ya. (Moskva, tsentr. Malokomsomol'skiy per., d.4, kv.1)
GOL'BERT Z.V. (Moskva, 100 Strel'bishchenskiy per., 16, kv.1)

Comparison of X-ray data with the anatomy of resected lung segments in primary bronchial cancer. Vop.onk. 2 no.2:166-172 '56. (MIRA 10:3)

1. Iz rentgenodiagnosticheskogo otdeleniya (zav. - prof. Ye.B. Abarbanel') i patologoanatomicheskogo otdeleniya (zav. - Z. V. Gol'bert) Gosudarstvennogo onkologicheskogo instituta im. P.A.Gertsena (dir. - prof. A.N.Novikov; nauch. rukovod. - chlen-korrespondent AMN SSSR prof. A.I.Savitskiy)

(BRONCHI, neoplasms
surg., comparison of preop. x-ray with anat. of resected segments)

GOL'BERT, Z.V. (Moskva)

Peculiar reticulocytomas of the lungs; a case of lipid reticuloendotheliosis of the lungs (tumorous form of lipid pneumonia) and reticulocytoma of the lungs from histiocytes. Arkh.pat. 20 no.1:60-66 '58. (MIRA 13:12)

1. Iz patologoanatomicheskogo otdeleniya Gosudarstvennogo onkologicheskogo instituta imeni P.A. Gertsena (dir. - doktor meditsinskikh nauk prof. A.N. Novikov).
(LUNGS--TUMORS)

COLB

Eng. *The blastomogenic activity of cellular [illegible]* [illegible] V. M. and GOLBERT Z. V. Oncol. Inst., Moscow *Vop. Onkol.* 1957, [illegible] Tables 2 Illus. 5

Cell-free extracts of human tumours were injected into adult [illegible] mice: 14 sarcomas [illegible] mice and 11 gastric and intestinal polyps [illegible] latter extract caused one carcinoma and 5 papillomas of the skin [illegible] controls. In the animals injected with lung cancer extracts no tumours were found, although precancerous of the lung was a frequent finding; control mice did not show any precancerous changes. Human sarcoma extracts caused leucosis and leukaemoid reactions; no true sarcomas were observed.

GOL'BERT, Z.V. (Moskva)

Papillary tumors of the ovaries and mesotheliomas. Arkh.pat. 21 no.7:56-61 '59. (MIRA 13:5)

1. Iz patologoanatomicheskogo otdeleniya (zav. - kand.med.nauk Z.V. Gol'bert) Gosudarstvennogo onkologicheskogo instituta imeni P.A. Gertsena (dir. - prof. A.N. Nevi'kov, nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR prof. A.I. Savitskiy).
(OVARY neoplasms)
(MESOTHELIOMA)

NOVIKOV, A.N., prof.; GARIN, N.D., doktor med.nauk; GOL'BERT, Z.V., kand.med.nauk; VOLKOVA, M.A., kand.med.nauk; KISELEVA, Ye.S., kand.med.nauk; MATVEYEVA, T.N., kand.med.nauk; VAVAKIN, A.D., kand.med.nauk

Initial experience in the combined treatment of pulmonary cancer. Khirurgiia no.8:22-28 Ag '62. (MIRA 15:8)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo onkologicheskogo instituta imeni P.A. Gertsena (dir. - prof. A.N. Novikov) Ministerstva zdravookhraneniya RSFSR.
(LUNGS--CANCER)

PANIKAROVSKIY, V.V.; GOL'BERT, Z.V.; GOSH T.Ye.

Cylindromas of the salivary glands. Stomatologiia 41 no.5 47-50 S-O '62. (MIRA 16:4)

1. Iz kafedry propedevtiki khirurgicheskoy stomatologii (zav. - prof. G.A.Vasil'yev) Moskovskogo meditsinskogo stomatologicheskogo instituta (rektor - dotsent G.N.Beletskiy) i patologoanatomicheskogo otdeleniya (zav. - starshiy nauchnyy sotrudnik Z.V. Gol'bert) Gosudarstvennogo onkologicheskogo instituta imeni P.A.Gertseva (dir. - prof. A.N.Novikov)
(SALIVARY GLANDS - TUMORS)

GOL'BERT, Z.V.; BADMAYEVA, V.V.

Review of IU.M. Vasil'ev's book "Connective tissue and tumor growth in experiment." Vop. onk. 9 no.8:125-126 '63 (MIRA 17:4)

GOL'BERT, Z.V.

Aneurysmal bone cysts. Khirurgiia 40 no.8:130-136 Ag '64. (MIRA 18:3)

1. Onkologicheskiy institut imeni Gertsena (dir. - prof. A.N. Novikov), Moskva.

BADMAYEVA, V.V.; GOL'BERT, Z.V.; KOBOTEVA, S.A.; SATCHENKO, G.S

Morphological changes in a tumor during the preoperative treatment of pulmonary cancer with Thio-TEPA. Khirurgiia 41 no.4:24-32 Ap '65. (MIRA 18:5)

1. Patologoanatomicheskoye otdeleniye (zav. - kand. med. nauk Z.V. Gol'bert) Onkologicheskogo instituta imeni Gertsena, Moskva.

GOL'BERT, Z.V.; KOBOZEVA, S.A.; MATVEYEVA, T.N.

Morphological changes in lung cancer under the influence of preoperative telegammatherapy. Vop. onk. 11 no.8:3-8 '65. (MIRA 18:11)

1. Iz patologoanatomicheskogo i radiologicheskogo otdeleniy Gosudarstvennogo onkologicheskogo instituta imeni P.A.Gertsena (direktor - prof. A.N.Novikov).

DERKACH, V.N.; GOL'BETS, I.I.

Effect of antibiotics on antigenic properites of diphterial toxins and anatoxins in gel diffusion precipitation experiments. Antibiotiki 6 no.2:153-158 F '61. (MIRA 14:5)

1. Mikrobiologicheskiy otdel (zav. - prof. V.S.Derkach) biokhimicheskiy otdel (zav. D.M.Koshkina) Khar'kovskogo nauchno-issledovatel'skogo instituta vaktsin i syvorotok imeni I.I. Mechnikova.
(ANTIBIOTICS) (DIPHTHERIA) (TOXINS AND ANTITOXINS)

SINEL'NIKOV, N.; GOL'BETS, M.; PICHKOV, K.; DRAGUL', A.; [illegible]OV V.
SKRINNIKOV, Yu.; POPOSTKIN, S.; GARAYEV, [illegible]
MINOSYAN, I.

Useful details. Za rul. 15 no.5:insert p.12-14 My '67. (MIRA 10:6)
(Automobiles)

L'VOV, D.V.; MORGULIS, P.S.; ABRAMOV, S.L.; GOL'BETS, M.M.

Remarks on the question of the practical value of A.K.D'iachkov's works. Izv. AN SSSR Otd.tekh.nauk no.5:777-778 My '53. (MLRA 6:8)
(Bearings (Machinery)) (D'iachkov, A.K.)

GOL'BETS, M.N., inzh.

Improving the reliability of a system of remote control of hydraulic excavators. Transp. stroi. 3, no.2 29-31 F '61.

(MIRA 18:1)

GOL'BETS, M.N., inzh.

Icebreaking equipment. Transp. stroi. 15 no.9:51 S '65.
(MIRA 18:11)

GOL'BETS, M.N., inzh.

Pile winch with clutch released by the reverse action of the electric motor. Transp. stroi. 15 no.6:28-30 Je '65.
(MIRA 18:12)

GOL'BETS
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9" 183T61

USSR/Engineering - Refractories Jun 51

"Increasing the Durability of Tuyeres in a Bessemer Converter," S. G. Afanas'yev, S. B. Gol'bets, Engineers, Dnepropetrovsk Metallurgical Plant imeni Petrovskiy

"Ogneupory" No 6, pp 260-266

Tests showed durability of chromite and high-alumina tuyeres, nearly similar, is almost twice that of ordinary chamotte tuyeres now made at plant. Bottom-lining material is important to durability of tuyeres, and improvement in quality of Dinas bricks, used for lining, appears major factor in longer tuyere life

LC 183T61

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GOL'BETS, S. B.

USSR/Engineering - Refractories, Service Dec 51

"Fabrication and Service of Chromite-Magnesite Brick," S. B. Gol'bets, Engr, Plant imeni Petrovskiy

"Ogneupory" No 12, pp 558-562

Discusses measures for improving of chromite-magnesite brick and increasing its life in roof of open-hearth furnaces. Considerable increase of life was attained: 340 heats in 55-ton furnaces and 243 heats in 185-ton furnaces. However this achievement is considered unsatisfactory, since Kuznetsk Metallurgical Combine obtained over 500 melts for 185-ton furnace.

198T23

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[illegible], S. [illegible]

Abstract [illegible]

[illegible]
[illegible] No. [illegible], [illegible].
[illegible] pp. [illegible]

Monthly List of Russian Accessions, Library of Congress, [illegible], Unclassified.

KOVTUNENKO, G.A.; GOL'BIN, IA.A., kandidat ekonomicheskikh nauk.

Ways of reducing production costs in the glass industry of the White Russian S.S.R. Leg.prom.15 no.1:8-11 Ja '55. (MIRA 8:3)

1. Glavnyy inzhener Belsteklotresta (for Kovtunenko).
(White Russia--Glass manufacture)

GOL'BIN, Ya.A.; TRONYAK, D.M.

There should be a constant increase in the productivity of labor and equipment. Leg.prom. 15 no.9:16-17 S '55. (MLRA 9:1)
(Russia--Manufactures)

GOL'BIN, Ya., kandidat ekonomicheskikh nauk; TSVIK, G.

Efforts to avoid loss of working time at the Minsk Automobile Plant. Sots.trud. no.1:122-125 Ja '57. (MLRA 10:4)

1. Nachal'nik otdela truda i zarplaty Minskogo avtomobil'nogo zavoda.

(Minsk--Automobile industry)

GOLUBIN, Ya.; NEVEL'SKAYA [illegible] TSVIK, G.

Factory preparation [illegible] to the shorter workday. Sots. trud [illegible] (MIRA 14:[illegible])

1. Nachalnik [illegible] AN BSSR (for Golubin, Nevel'skaya, and [illegible]). 2. Nachalnik otdela organizatsii truda i zarabotnoy platy [illegible] (for Tsvik). (Wages [illegible] industry)

GOL'BIN, Ya.A.

Means of lowering production costs in the White Russian glass industry. Sbor.nauch.rab.Bel.politekh.inst. no.63:171-178 '58. (MIRA 12:4)

(White Russia--Glass manufacture--Costs)